



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 00-1329-B)

In the Application of:

Breaker et al.

Serial No.: 09/780,929

Filing Date: February 8, 2001

For: Nucleic Acid Catalysts With  
Endonuclease Activity

Examiner: James Schultz

Group Art Unit: 1635

#15/B  
Muta  
5/8/03

**RESPONSE TO THE OFFICE ACTION MAILED NOVEMBER 1, 2002**

Mail Stop Patent Ext.  
Commissioner for Patents  
P.O. Box 1450  
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Dear Sir:

Please consider the following amendments and remarks made in response to the Office Action mailed November 1, 2003.

**CERTIFICATE OF MAILING (37 C.F.R. 1.8a)**

I hereby certify that this correspondence is being deposited with the United States Postal with sufficient postage as "Express Mail Post Office to Addressee" in an envelope addressed to: Mail Stop Patent Ext., Commissioner for Patents, PO Box 1450, Alexandria, VA 22313, on this 1st day of May, 2003. Express Mail No. EV333558078US.

Date: May 1, 2003

Sherri L. Oslick  
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